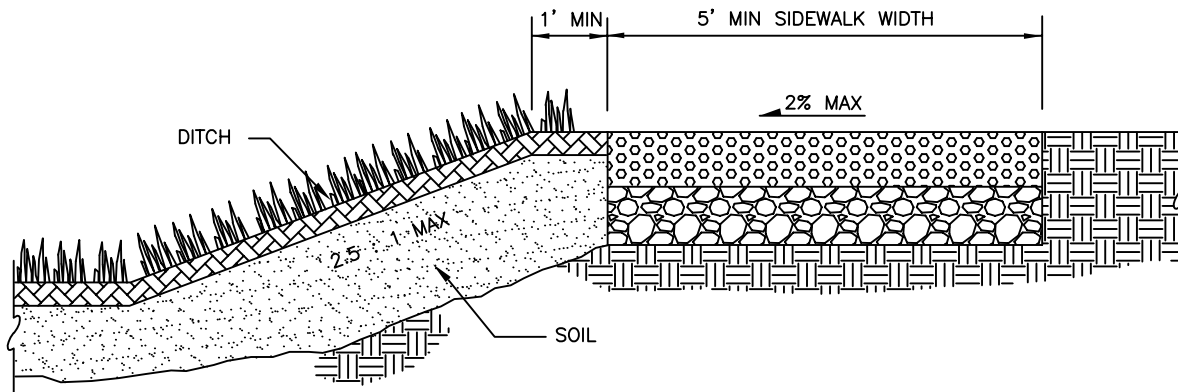


PERVIOUS CONCRETE SIDEWALK SECTION

NOT TO SCALE



PERVIOUS CONCRETE SIDEWALK ADJACENT TO DITCH

NOT TO SCALE

**NOTES**

- SEE SIDEWALK AND DRIVEWAY STANDARD PLANS CK-R.23 AND CK-R.21 FOR JOINTING AND LAYOUT.
- PERVIOUS CONCRETE PAVEMENT SHALL CONFORM TO ALL REQUIREMENTS OF ACI 522-08 SPECIFICATION FOR PERVIOUS CONCRETE PAVEMENT PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE, EXCEPT AS DIRECTED BY THE ENGINEER. CONCRETE MIX SHALL MEET THE FOLLOWING:
  - 100% PASSING 3/8" SIEVE
  - WATER/CM RATIO BETWEEN 0.28-0.35
  - MINIMUM INFILTRATION RATE OF 100 INCH/HOUR PER ASTM C1701
- AGGREGATE FOR SUBBASE SHALL BE CLEAN, ANGULAR DRAIN ROCK WITH ONLY 2% PASSING THE #200 SIEVE AND 5% PASSING THE #8 SIEVE; WSDOT NO. 57 OR APPROVED EQUAL.
- PERVIOUS SIDEWALK SHALL NOT CONTAIN SURFACE MOTTLING.
- WHERE PERVIOUS SIDEWALK IS WITHIN CRITICAL ROOT ZONE OF EXISTING TREES TO BE SAVED, REDUCE SUBBASE DEPTH TO 2".
- SIDEWALK SHALL NOT BE POURED IN ADVERSE WEATHER CONDITIONS. SEE POLICY R-8, PLACING CONCRETE OR ASPHALT IN ADVERSE WEATHER CONDITIONS.
- MIN. 6" THICKNESS OF PERVIOUS CONCRETE THROUGH DRIVEWAY APPROACHES, APRONS, AND SIDEWALKS ADJACENT TO CURBS AT STREET INTERSECTION RADII.
- WHEEL CHAIR CURB RAMP SHALL BE 4000PSI P.C.C. CAST IN PLACE CONCRETE PER STANDARD PLANS CK-R.21.
- PERVIOUS CONCRETE SIDEWALK SHALL BE TESTED PRIOR TO ACCEPTANCE. ONE TEST PER 2,500SF AREA MINIMUM. TEST SHALL CONSIST OF DUMPING A 5 GALLON BUCKET OF WATER ONTO THE SURFACE. IF ANYTHING OTHER THAN A SCANT AMOUNT PUDDLES OR RUNS OFF THE SURFACE, ADDITIONAL TESTING IS REQUIRED.

CITY OF KIRKLAND

PLAN NO. CK-L.06

PERVIOUS CONCRETE  
SIDEWALK